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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/735,751	12/13/2000	Hiroaki Kubo	15162/02900	6671

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EXAMINER

HO, TUAN V

ART UNIT PAPER NUMBER

2615

DATE MAILED: 01/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/735,751

Applicant(s)

KUBO ET AL.

Examiner

Tuan V Ho

Art Unit

2615

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 September 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 2615

1. It is noted that the certified copy of priority document is not found with the application.

2. Applicant's arguments, see the remarks, filed 9/7/04, with respect to the rejection(s) of claim(s) 1-13 under Ohmori have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Ohmori in view of Watanabe et al.

With regard to claim 13, the rejection of claim 13 has been withdrawn due to the amendment.

With regard to claims 1-4, 7 and 9-11, Applicants argue that "Ohmori's accessory module, by its very nature, is not a part of digital camera", page 9 of the remarks. In response to the arguments, the examiner notes that display module 10 is a part of the digital camera since the module is electronically attached to the camera and used to store image data of the camera and to display an object image when the camera aims and captures an image. Noted that module 10 is a part of the camera that can be detached for a compact storage design.

With regard to claim 5, 6 and 12, Applicants argue:

1) With regard to claim 5, "At best, the combination of Ohmori and Watanabe teaches using a separate computer or device

Art Unit: 2615

for displaying images, in which images from different devices are displayed in separate windows", page 13 of the remarks. In response to the arguments, the examiner notes that Watanabe teaches using a display monitor that can displays images from two different memories in two different windows and the locations of the images. Based on the teachings of Watanabe et al, one of ordinary skill in the art would modify the digital camera of Ohmori so as to display images stored in two different memories as the same fashion as disclosed by the Watanabe et al. Noted that images from the two memories are displayed on two separate windows as shown in Fig. 8.

2) With regard to claim 6, Watanabe et al discloses each of the images, that is displayed in associated with the memory storing the image.

3) With regard to claim 12, Watanabe discloses the images from two different memories, which are displayed at the same time on two different windows as shown in Fig. 8.

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter

Art Unit: 2615

sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-6, 10, 11 and 12 are rejected under 35

U.S.C. 103(a) as being unpatentable over Ohmori in view of Watanabe et al.

With regard to claim 5, Ohmori discloses in Figs. 7, 8 and 12, a digital camera that comprises the reader that can read image data from two or more recording media (display controller 82, receiving control signals from digital camera 12, specifically read image data from image memory 84 or memory card 40 so as to display the image data upon a user's selection, col. 4, lines 35-67 and col. 5, lines 23-29; it is noted that accessory module 10 is a part of digital camera 12 since it is used as a display monitor for picture taking, col. 3, lines 63-64, Fig. 5 col. 4, line 41), display (display 28, col. 4, line 45), except that the display controller causes the display to display essentially simultaneously a first image and second image from the recording media.

Ohmori does not explicitly disclose any first and second images simultaneously to be displayed on display 28. However, Watanabe et al teaches using a digital camera system that can

Art Unit: 2615

display information related to each of two recoding mediums (icon 38 or 37) and images (widows 39 and 34) corresponding to the recording medium as shown in Figs. 5 and 7, col. 5, lines 1-21). As a result of displaying the image information and location of the images, a user easily determines where each of images is stored and thereby to easily control file management.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify display controller 82 of the Ohmori camera as the same fashion as disclosed by Watanabe et al so as to obtain a display controller that causes display 28 display simultaneously a first and second images in memories 128 or 38 and information related to recording medium corresponding to the images. That is because the display of two images simultaneously and its location would allow a user to select and observe different images in different recording medium and thereby to easily select a desired image to erase, transfer or store.

Claim 6 recites what was discussed with respect to claim 5. Noted that the icons 38 and 32 on display 12 of Watanabe et al indicate which recording medium the images is stored therein.

Claim 10 recites what was discussed with respect to claim 5.

Art Unit: 2615

Method claim 11 recites what was discussed with respect to claim 5.

Claim 12 recites what was discussed with respect to claim 5.

With regard to claim 1, claim 1 recites what was discussed with respect to claim 5; where Watanabe et al disclose displaying each of images and its associated location.

With regard to claim 2, Watanabe discloses the indicia (icon 38 and 32).

With regard to claim 3, Ohmori discloses in Fig. 12, a digital camera that comprises the two card slots (Ohmori discloses in Fig. 12, that unit 18 of module 10 can be modified so as to accept a second card slot 118, col. 6, lines 40-41).

With regard to claim 4, Watanabe teaches the information which specifies the recording medium (icon 32 or 38).

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Art Unit: 2615

Claims 7-9 and 13 are rejected under 35 U.S.C. 102(b) as being anticipated by Ohmori (US 5,790,193).

With regard to claim 7, Ohmori discloses in Figs. 7, 8 and 12, a digital camera that comprises the reader (display controller 82, receiving control signals from digital camera 12, specifically read image data from image memory 84 or memory card 40 so as to display the image data upon a user's selection, col. 4, lines 35-67 and col. 5, lines 23-29; it is noted that accessory module 10 is a part of digital camera 12 since it is used as a display monitor for picture taking, col. 3, lines 63-64, Fig. 5 col. 4, line 41), display (display 28, col. 4, line 45), display controller that, by handling a plurality of items of image data recorded in the two recording media in sequence based on a prescribed rule (display controller 82 reads image data from memories 84 or 40 so as to display the image data on display 28; the user specifies an image stored in memories 84 or 40 to be displayed by using buttons "Advance" 30 or "Reverse" 32, col. 5, lines 60-67); it is noted that since the camera can store image data in a memory one at a time in memories 84 or 40; thus, the image data is recorded in the memories in a sequence where the sequence is provided by the user such as first recording image data in memory 40 and secondly, recording image data in memory 84), and causes the display to sequentially

Art Unit: 2615

display the plurality of images in accordance with the sequence (since the user can specify image data stored in memories 84 or 40 to be displayed, the user can select to display the image data in the above sequence such as image data of memory 40 is first selected and the one in memory 84 is secondly selected).

With regard to claim 8, Ohmori discloses ascending or descending order (buttons 30 or 32).

With regard to claim 9, Ohmori discloses ascending or descending order (buttons 30 or 32 is used to advance or reverse images stored in the memories; it is noted that there is inherently an indication that a user can identify at which memory the image is displayed).

With regard to claim 13, Furthermore, Ohmori discloses in Fig. 10A, an image display method that comprises the steps of specifying a rule for ordering (using buttons 30 and 32, col. 5, lines 60-67 and col. 6, lines 1-17), displaying an image (display controller 82 displays the selected image), accepting a destination to display either a next image or a prior image (Advance button 30 or Reverse button 32 generates a specific rule so that the display controller displays next images or prior images), and displaying (monitor 28 displays a next or prior image in accordance with the signals from controller 82).

Art Unit: 2615

3. This Office action is not made Final since new grounds of rejections applied to the claims.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to TUAN HO whose telephone number is (703) 305-4943. The examiner can normally be reached on Mon-Fri from 7AM to 4PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Christensen, can be reached on (703) 308-9644. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.



TUAN HO

Primary Examiner

Art Unit 2615